

## DECLARATION

As the below-named inventors, we declare that:

Our residences, post office addresses, and citizenships are as stated below under our names.

We believe we are the original, first, and joint inventors of the invention entitled "MEMORY DEVICE AND METHOD HAVING DATA PATH WITH MULTIPLE PREFETCH I/O CONFIGURATIONS," which is described and claimed in the specification and claims of Patent Application No. 09/814,566, which we filed in the United States Patent and Trademark Office on March 21, 2001 and for which a patent is sought.

We have reviewed and understand the contents of the above-entitled specification, including the claims, as amended by any amendment specifically referred to herein (if any).

We acknowledge our duty to disclose information of which we are aware which is material to patentability and examination of this application in accordance with 37 C.F.R. § 1.56(a).

We further declare that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further, that these statements were made with the knowledge that the making of willfully false statements and the like is punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and may jeopardize the validity of any patent issuing from this patent application.

  
BRENT KEETH

Date 6/1/2001  
Residence : City of Boise, County of Ada  
              : State of Idaho  
Citizenship : United States of America  
P.O. Address : 5077 N. Fifeshire Place  
              : Boise, Idaho 83713

  
BRIAN JOHNSON

Date 6/01/01  
Residence : City of Boise, County of Ada  
State of Idaho  
Citizenship : United States of America  
P.O. Address : 5977 E. Gateway Drive  
Boise, Idaho 83716

  
TROY A. MANNING

Date 06/01/2001  
Residence : City of Meridian, County of Ada  
State of Idaho  
Citizenship : United States of America  
P.O. Address : 8153 S. Obadiah Lane  
Meridian, Idaho 83642

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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Brent Keeth, Brian Johnson and Troy A. Attorney Docket No.: 500903.01  
Manning

Serial No. : 09/814,566 Group Art Unit : 2185

Filed : March 21, 2001 Examiner : Not yet assigned

Title : MEMORY DEVICE AND METHOD HAVING DATA PATH WITH MULTIPLE PREFETCH I/O CONFIGURATIONS

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Commissioner of Patents  
Washington, DC 20231

**ELECTION UNDER 37 C.F.R. §§ 3.71 AND 3.73(b) AND POWER OF ATTORNEY**

Sir:

The undersigned, being Assignee of the entire interest in the above-identified application by virtue of an Assignment filed concurrently herewith, hereby elects, under 37 C.F.R. § 3.71, to prosecute the application to the exclusion of the inventors.

Assignee hereby appoints EDWARD W. BULCHIS, Reg. No. 26,847; PAUL T. MEIKLEJOHN, Reg. No. 26,569; GLENN P. RICKARDS, Reg. No. 29,428; DALE C. BARR, Reg. No. 40,498; KIMTON N. ENG, Reg. No. 43,605; BRIAN C. PARK, Reg. No. 45,519; MARK W. ROBERTS, Reg. No. 46,160; STEVEN H. ARTERBERRY, Reg. No. 46,314; PAUL F. RUSYN, Reg. No. 42,118; JOHN P. LUTHER, Reg. No. 32,261; D. C. PETER CHU, Reg. No. 41,676; and the attorneys and agents associated with the firm of DORSEY & WHITNEY LLP, Customer Number 27,076; along with MICHAEL L. LYNCH, Reg. No. 30,871; WALTER D. FIELDS, Reg. No. 37,130; CHARLES B. BRANTLEY, II, Reg. No. 38,086; KEVIN D. MARTIN, Reg. No. 37,882; and DAVID J. PAUL, Reg. No. 34,692, of Micron Technology, Inc., 8000 South Federal Way, Boise, Idaho 83716-9632, as its attorneys to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. Please direct all telephone calls to Edward W. Bulchis at (206) 903-8800 and telecopies to (206) 903-8820.

Please direct all communications to:

Edward W. Bulchis, Esq.  
**Customer No. 27,076**  
Dorsey & Whitney LLP  
1420 Fifth Avenue, Suite 3400  
Seattle, Washington 98101  
(206) 903-8800

Pursuant to 37 C.F.R. § 3.73(b), the undersigned duly authorized designee of Assignee certifies that the evidentiary documents have been reviewed, specifically the Assignment to MICRON TECHNOLOGY, INC., filed concurrently herewith for recording, a copy of which is attached hereto, and certifies that to the best of my knowledge and belief, title remains in the name of the Assignee.

MICRON TECHNOLOGY, INC.  
ASSIGNEE

6-6-01

DATE

  
Michael L. Lynch  
Chief Patent Counsel

Enclosure:

Copy of Assignment

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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Brent Keeth, Brian Johnson and Troy A.  
Manning

Serial No.: 09/814,566

Filed : March 21, 2001

For : **MEMORY DEVICE AND METHOD  
HAVING DATA PATH WITH  
MULTIPLE PREFETCH I/O  
CONFIGURATIONS**

Docket No. 500903.01

Disclosure No. 00-1066

Group Art Unit 2185

## A S S I G N M E N T :

Enclosed for recording  
 Previously recorded

Date: \_\_\_\_\_

Reel: \_\_\_\_\_

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned do hereby:

SELL, ASSIGN AND TRANSFER to Micron Technology, Inc. (the "Assignee"), a corporation of Delaware, having a place of business at 8000 South Federal Way, Boise, Idaho 83716-9632, the entire right, title and interest for the United States and all foreign countries, in and to any and all improvements which are disclosed in the application for United States Letters Patent, which was filed on March 21, 2001, and assigned Application No. 09/814,566 and is entitled "**MEMORY DEVICE AND METHOD HAVING DATA PATH WITH MULTIPLE PREFETCH I/O CONFIGURATIONS**"; such application and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States and all foreign countries on any of such improvements; all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such application in the United States of America;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements to the Assignee;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT that, when requested and at the expense of the Assignee, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; execute all rightful oaths, declarations, assignments, powers of attorney and other papers; communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; and generally do everything possible which the Assignee shall consider desirable for securing, maintaining and enforcing proper patent protection for such improvements and for vesting title to such improvements in the Assignee;

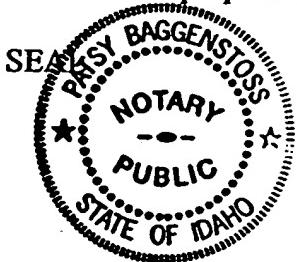
TO BE BINDING on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

Brent Keeth  
Brent Keeth

Date: 6/1/2001

STATE OF IDAHO )  
                    ) ss.  
County of Ada     )

BEFORE ME, this 1st day of June, 2001, personally appeared the above-named individual, to me known to be the person who is described in and who executed the foregoing assignment instrument and acknowledged to me that he executed the same of his own free will for the purpose therein expressed.



Pat Baggert  
Notary or Consular Officer  
My Commission Expires 5/22/07

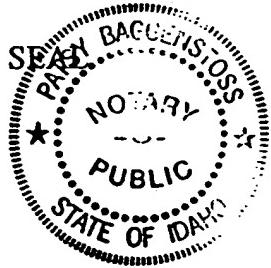


Brian Johnson

Date: 6/1/01

STATE OF IDAHO )  
                  )  
                  ) ss.  
County of Ada   )

BEFORE ME, this 1st day of June, 2001, personally appeared the above-named individual, to me known to be the person who is described in and who executed the foregoing assignment instrument and acknowledged to me that he executed the same of his own free will for the purpose therein expressed.



Paisley Baggenstoss  
Notary or Consular Officer  
My Commission Expires 5/22/07



Troy A. Manning

Date: 06/01/2001

STATE OF IDAHO )  
                  )  
                  ) ss.  
County of Ada   )

BEFORE ME, this 1st day of June, 2001, personally appeared the above-named individual, to me known to be the person who is described in and who executed the foregoing assignment instrument and acknowledged to me that he executed the same of his own free will for the purpose therein expressed.



Paisley Baggenstoss  
Notary or Consular Officer  
My Commission Expires 5/22/07